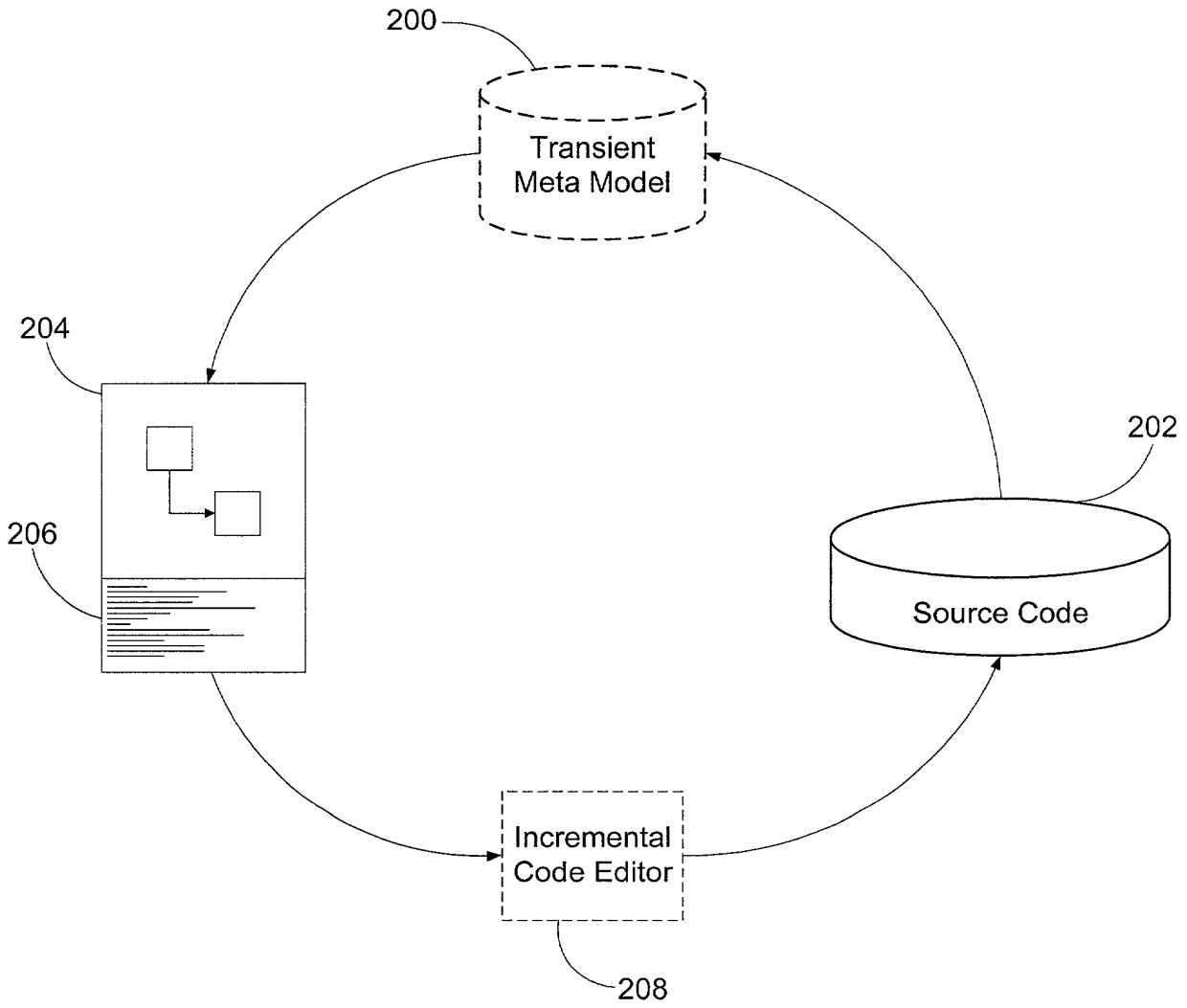
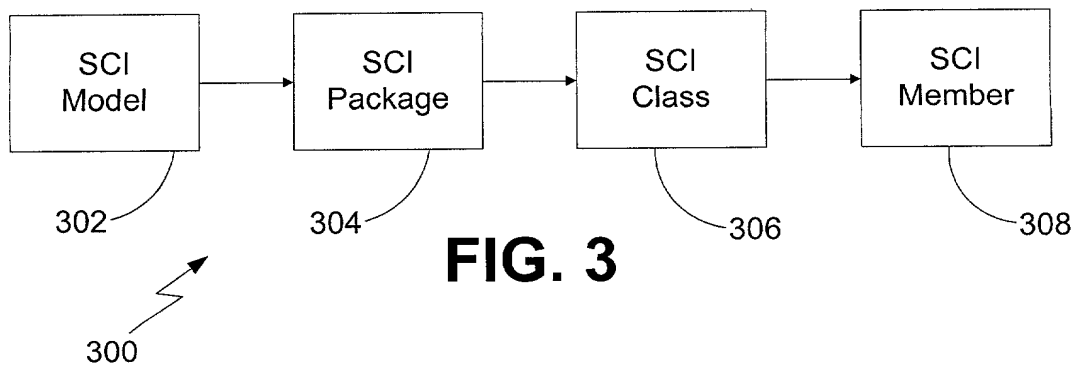


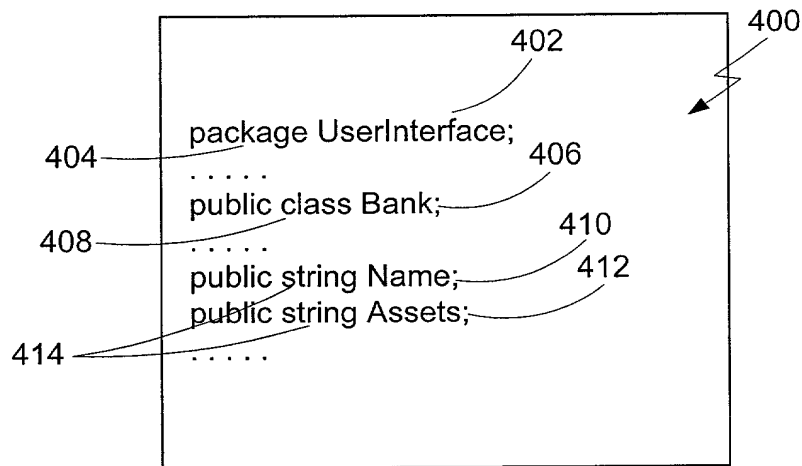
**FIG. 1**  
**(Prior Art)**



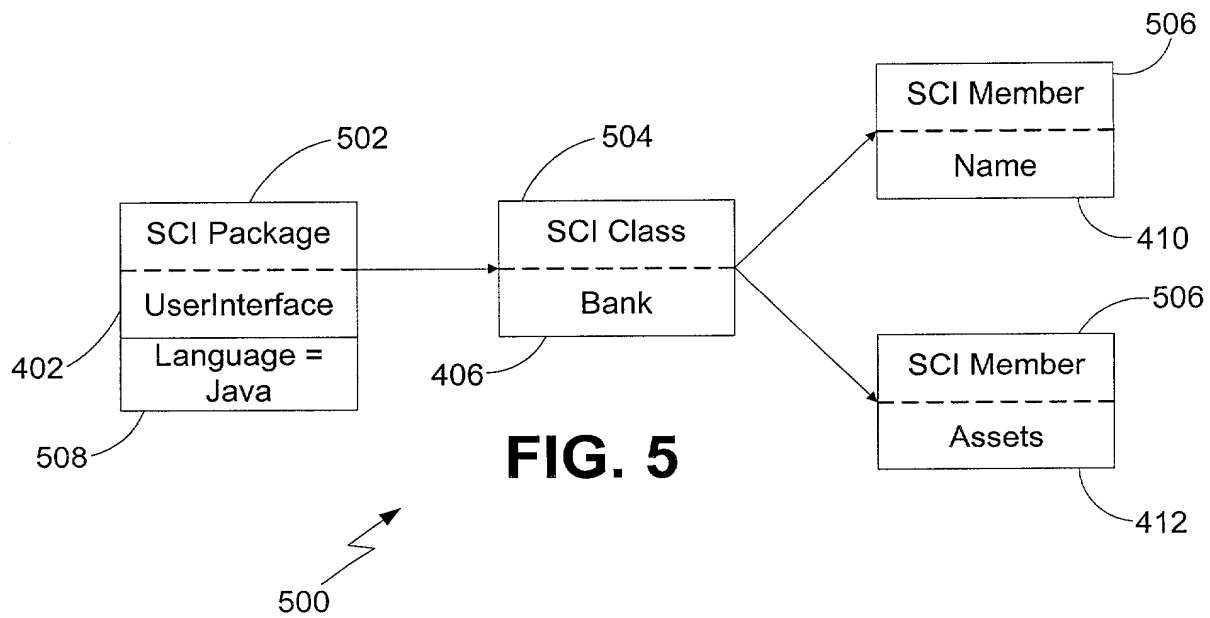
**FIG. 2**



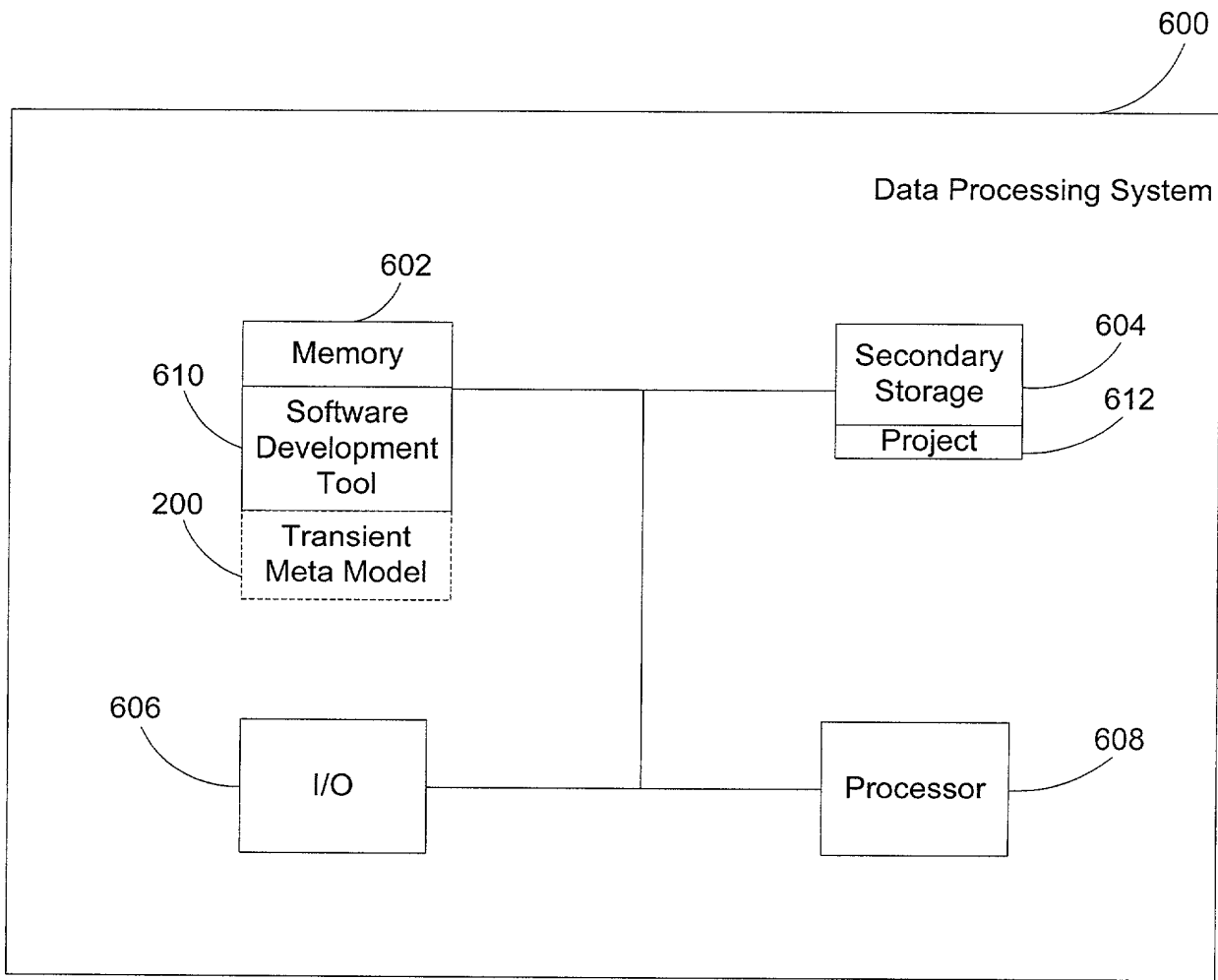
**FIG. 3**



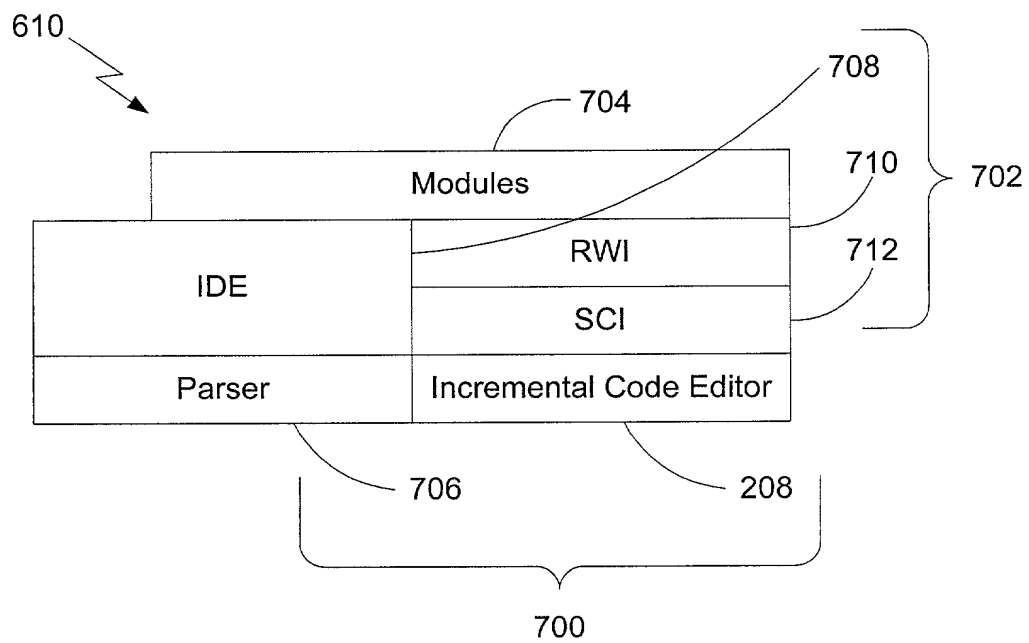
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**

100240 255350

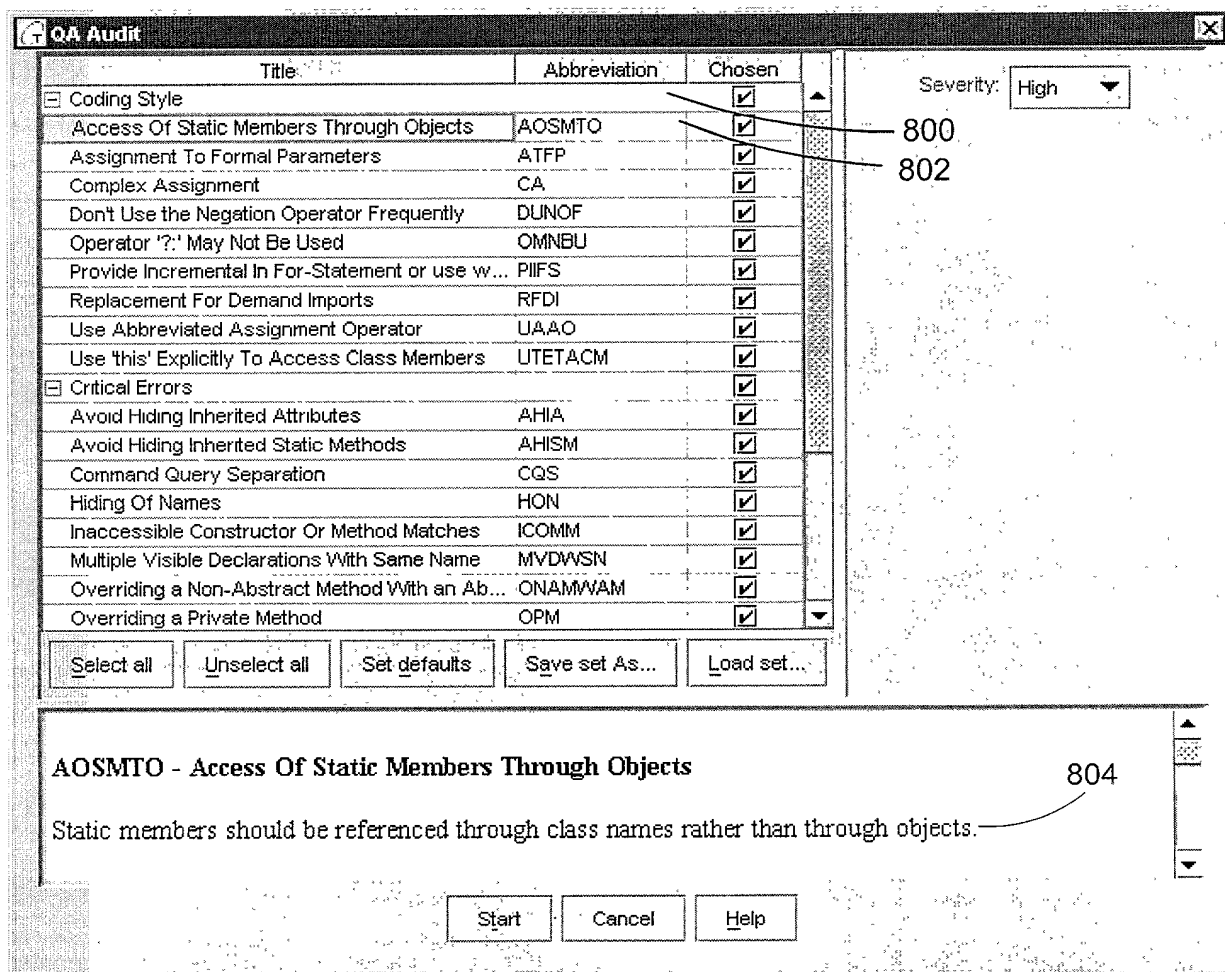


FIG. 8A

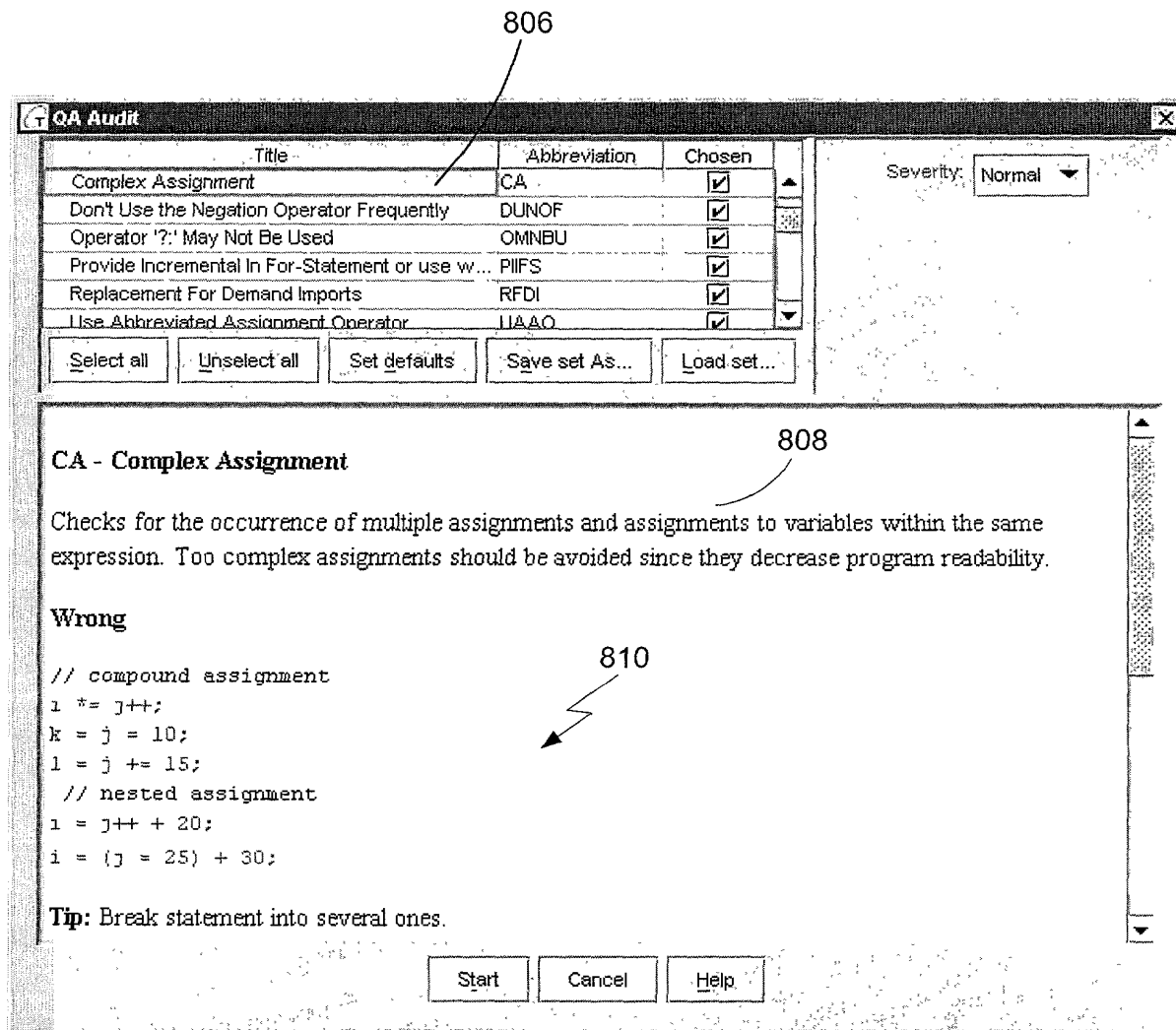


FIG. 8B

400240" 2356250

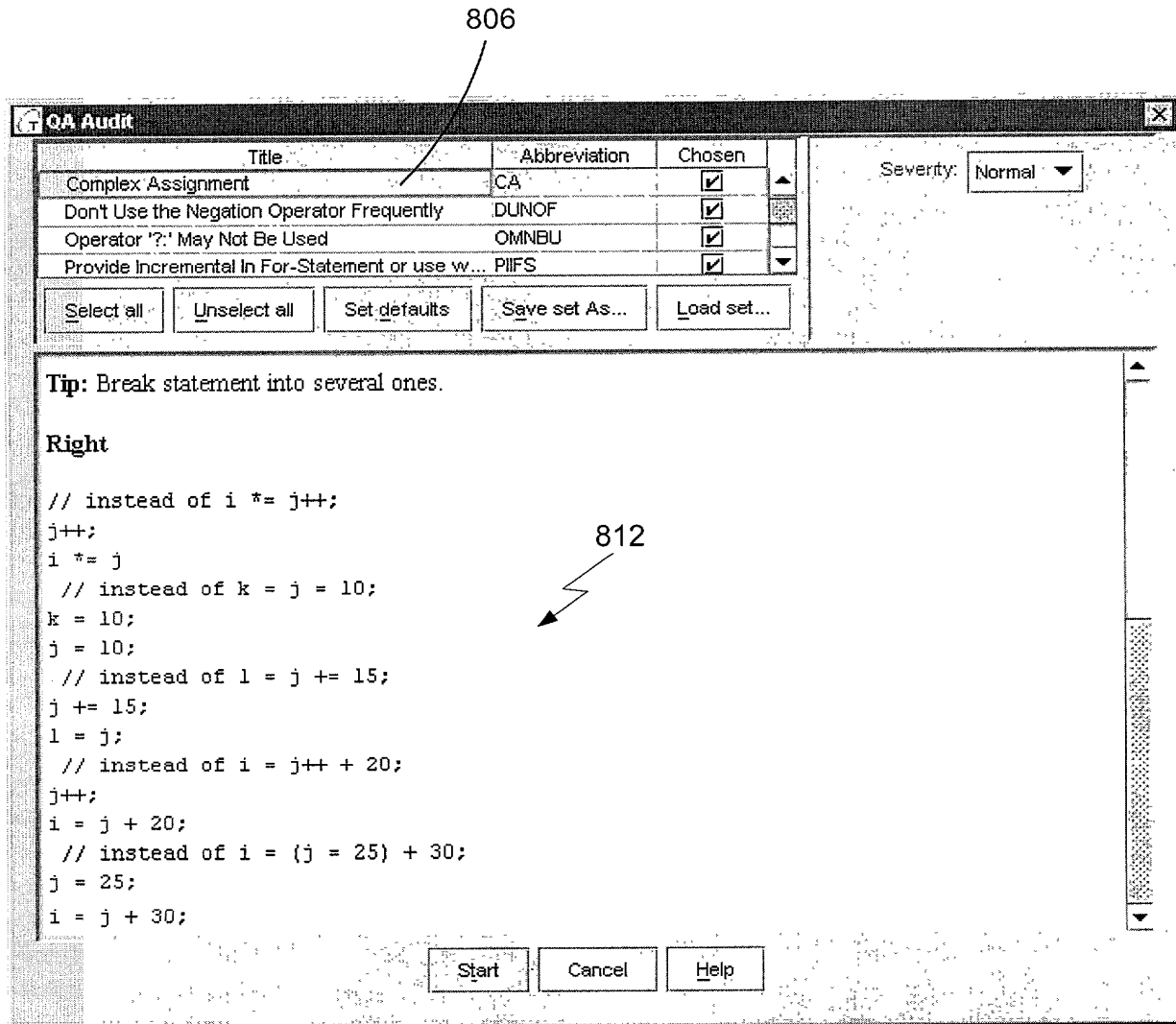
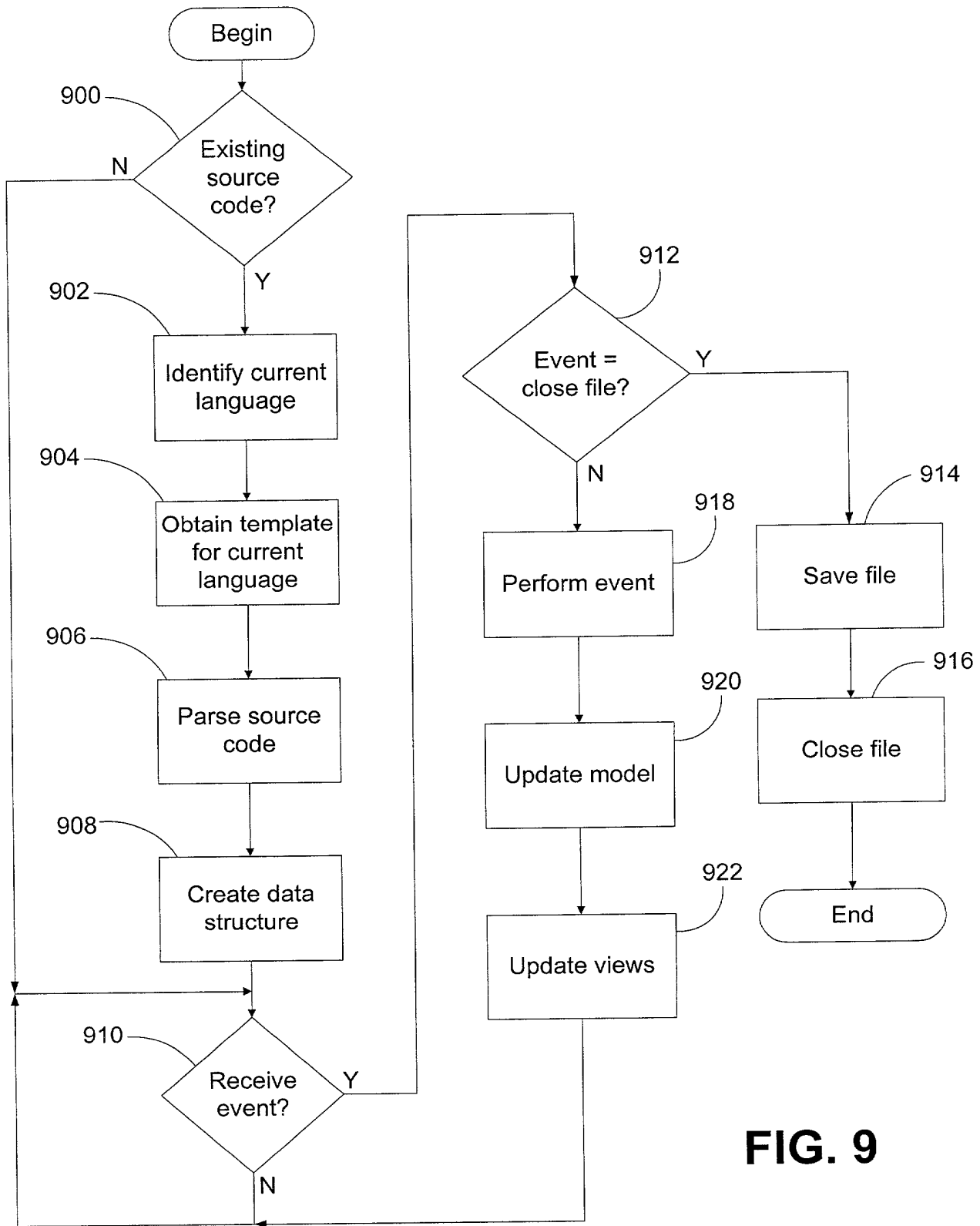
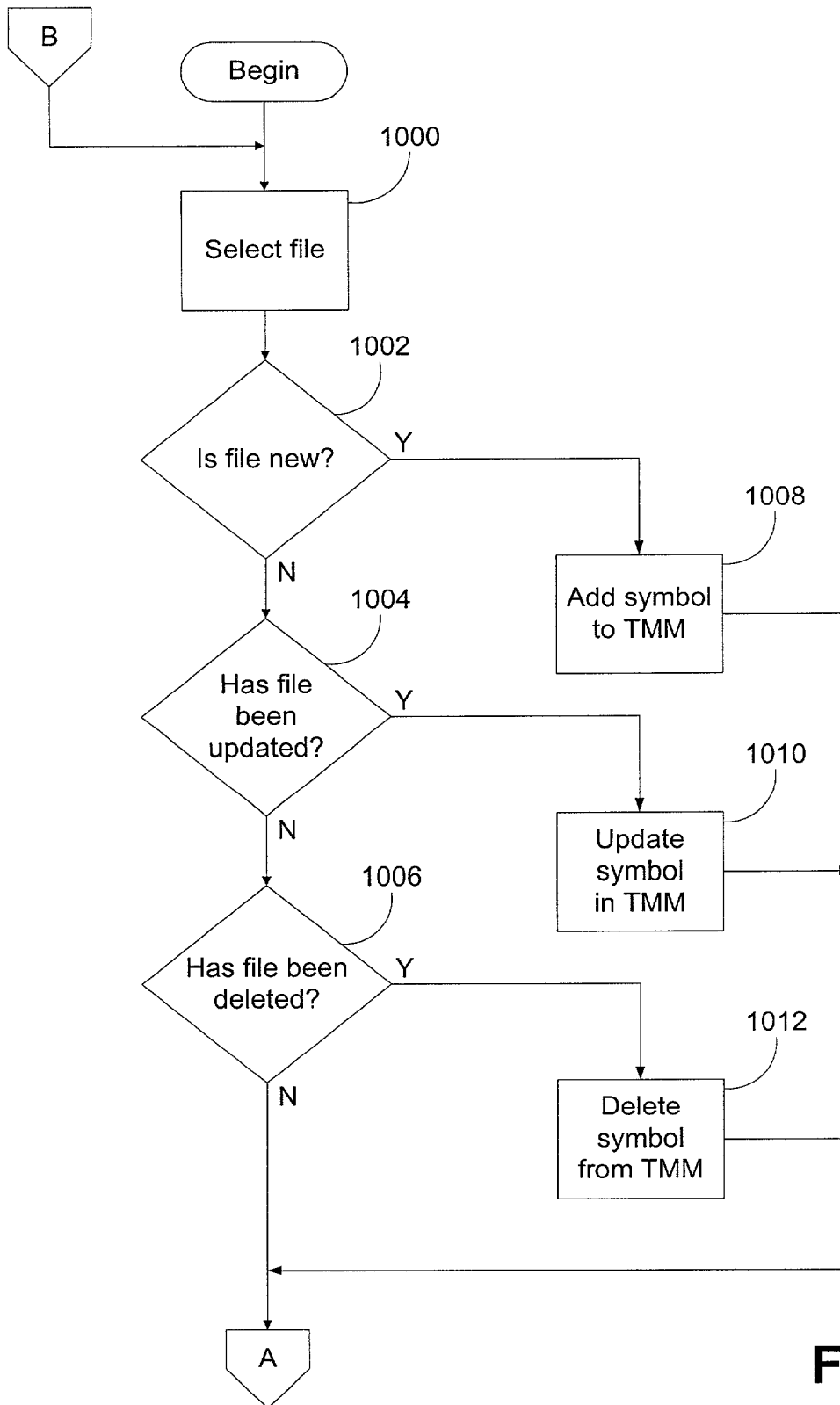


FIG. 8C

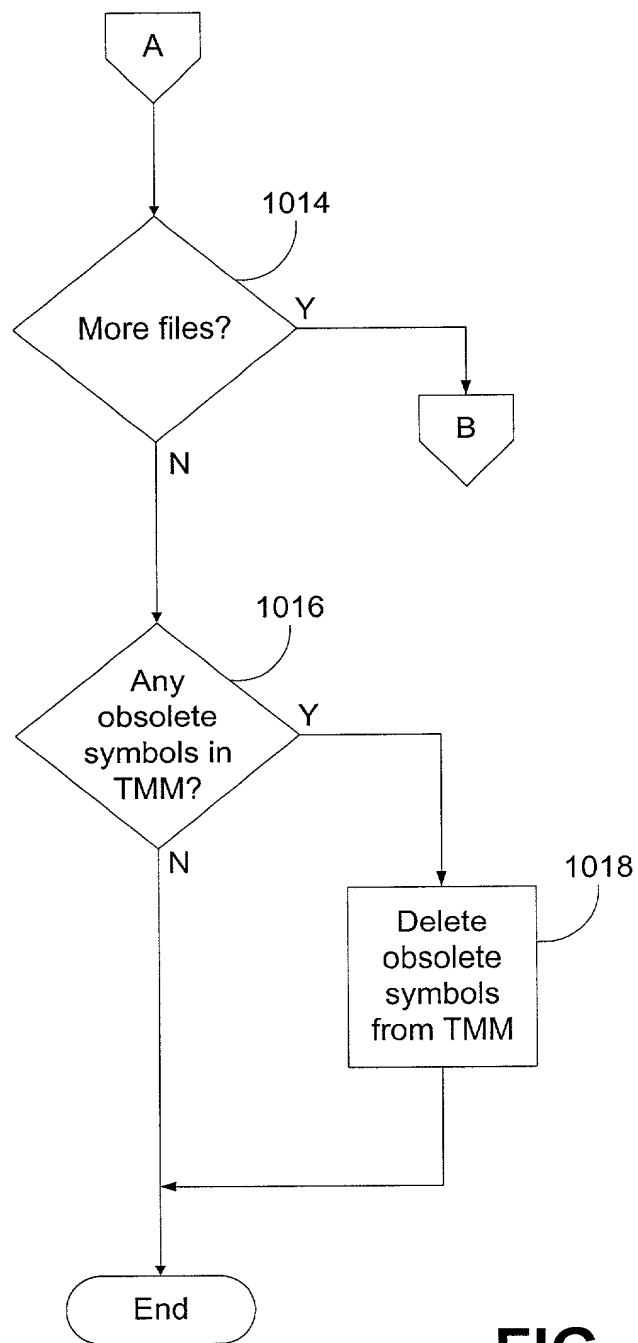




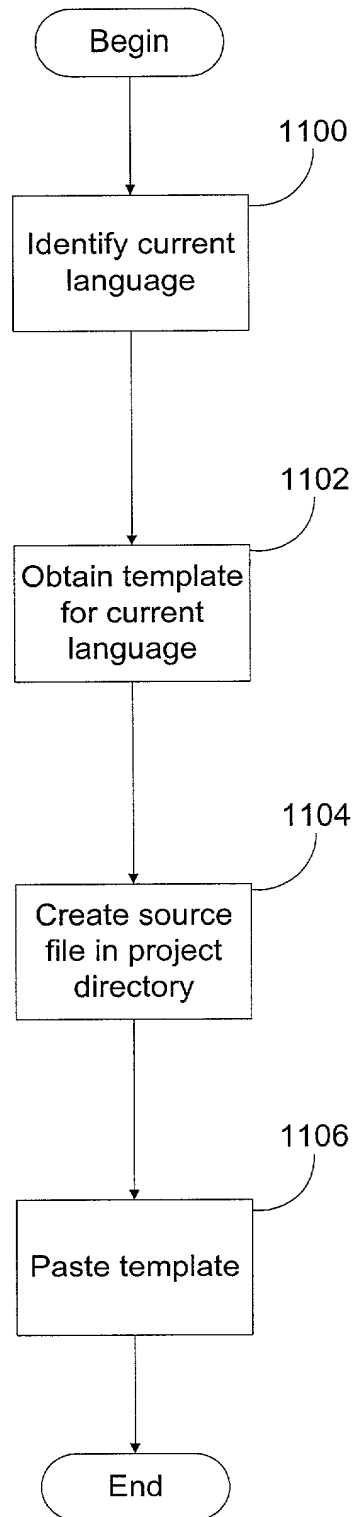
**FIG. 9**



**FIG. 10A**



**FIG. 10B**



**FIG. 11**

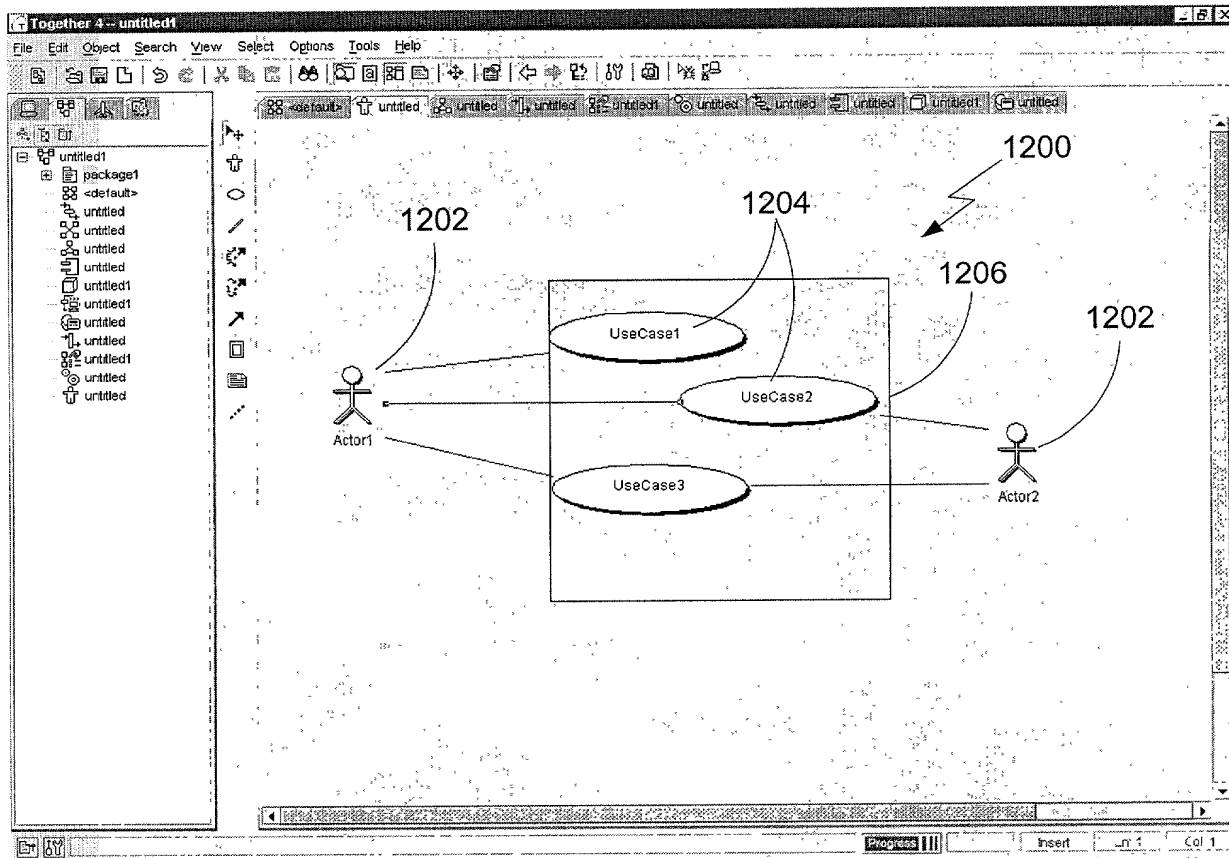


FIG. 12

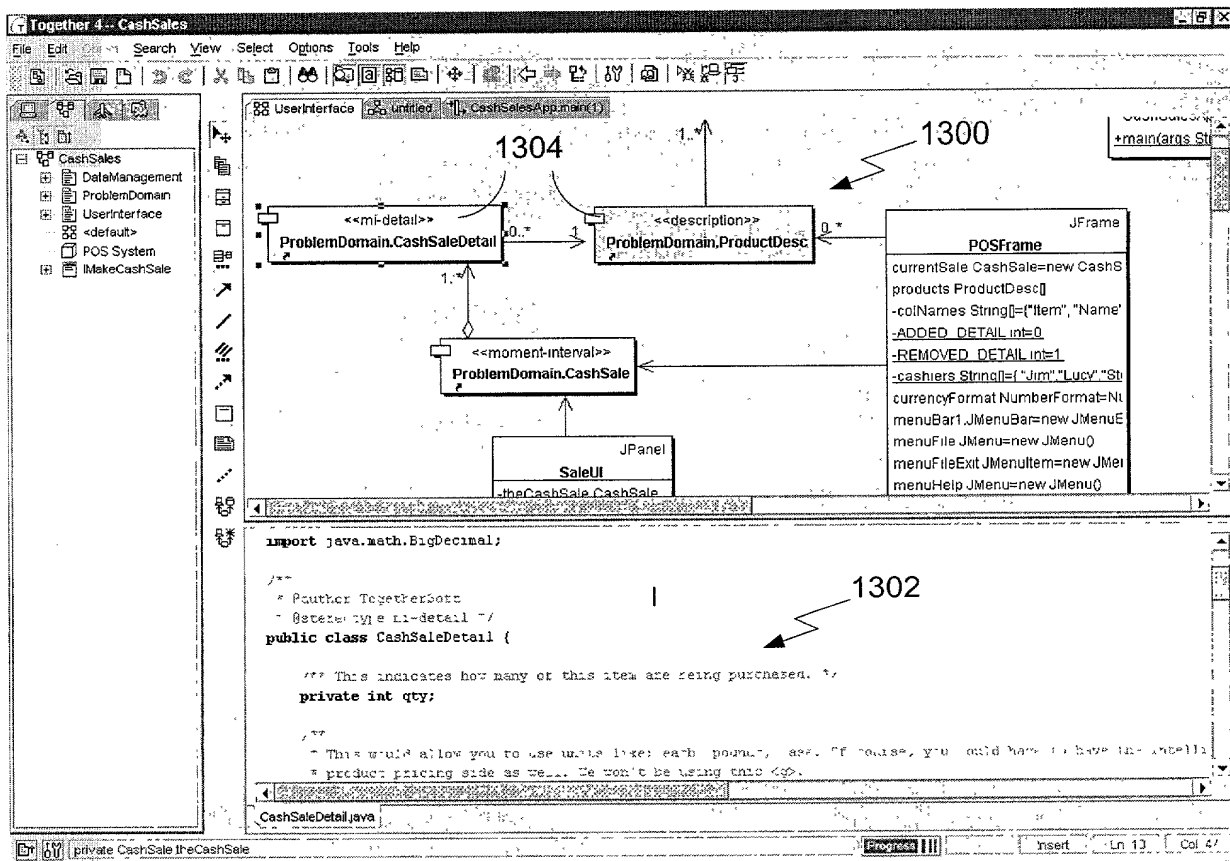


FIG. 13

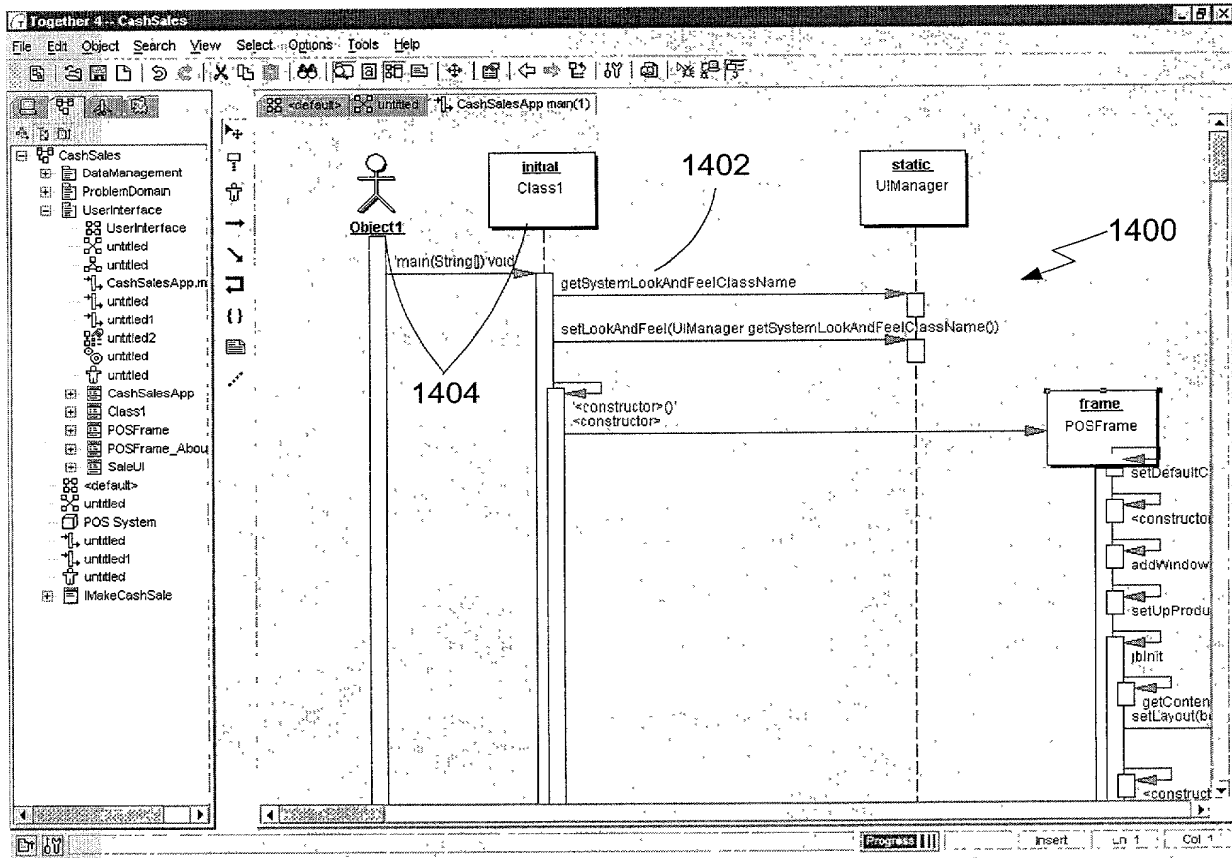


FIG. 14

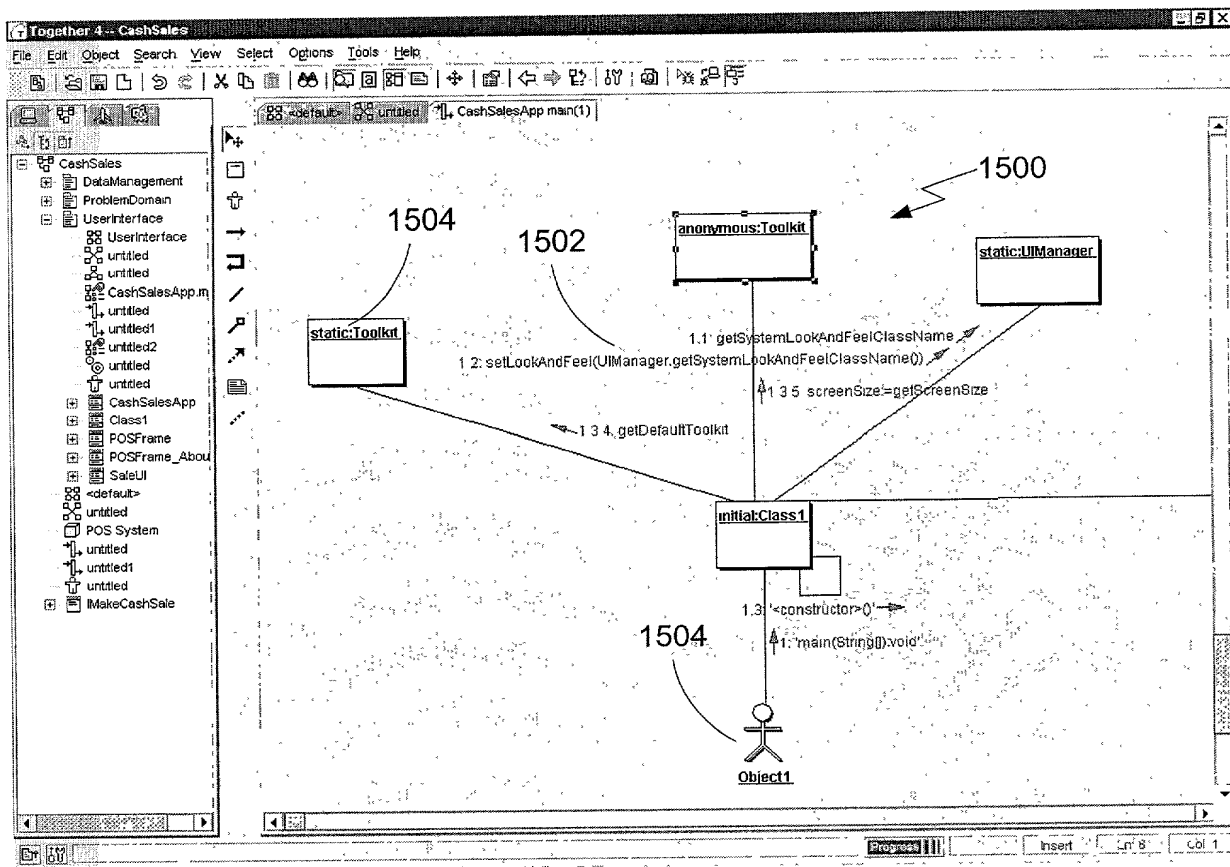


FIG. 15





FIG. 17

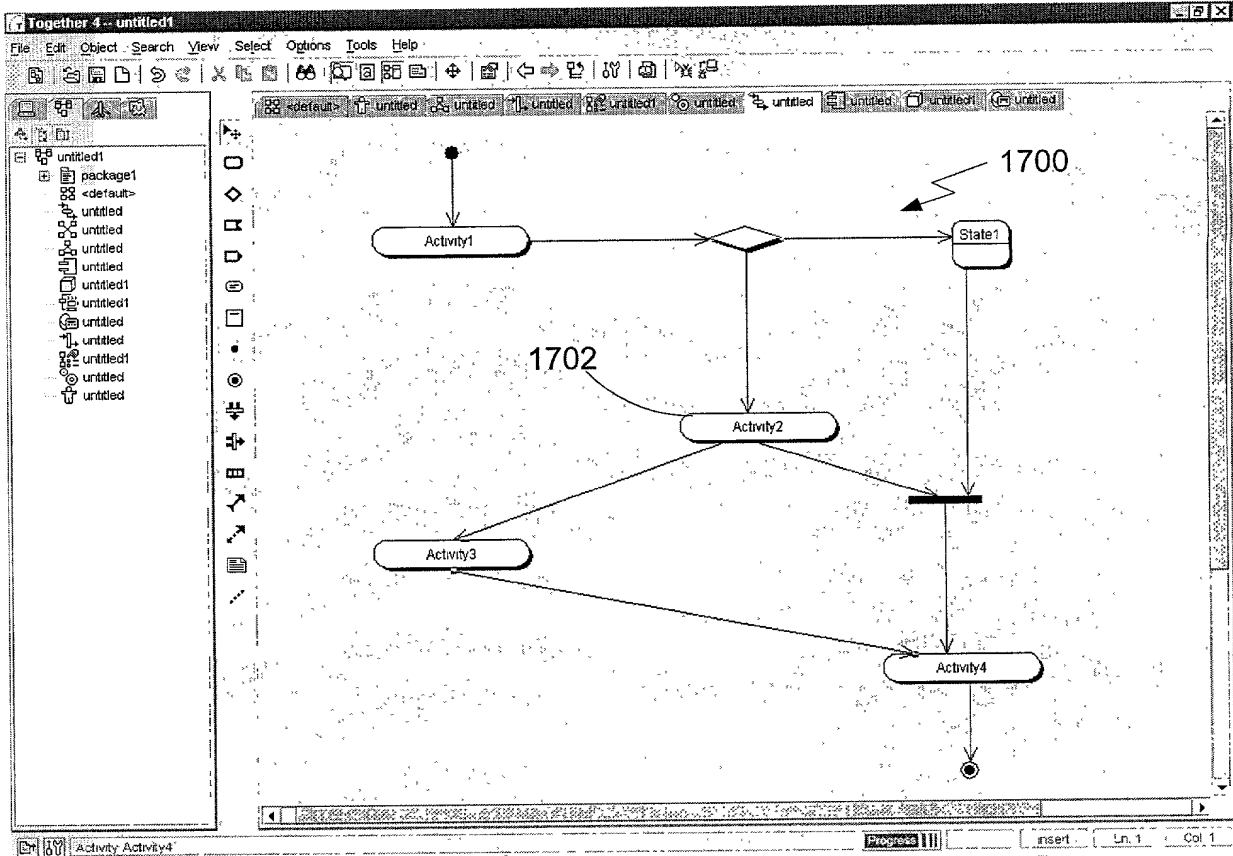


FIG. 17

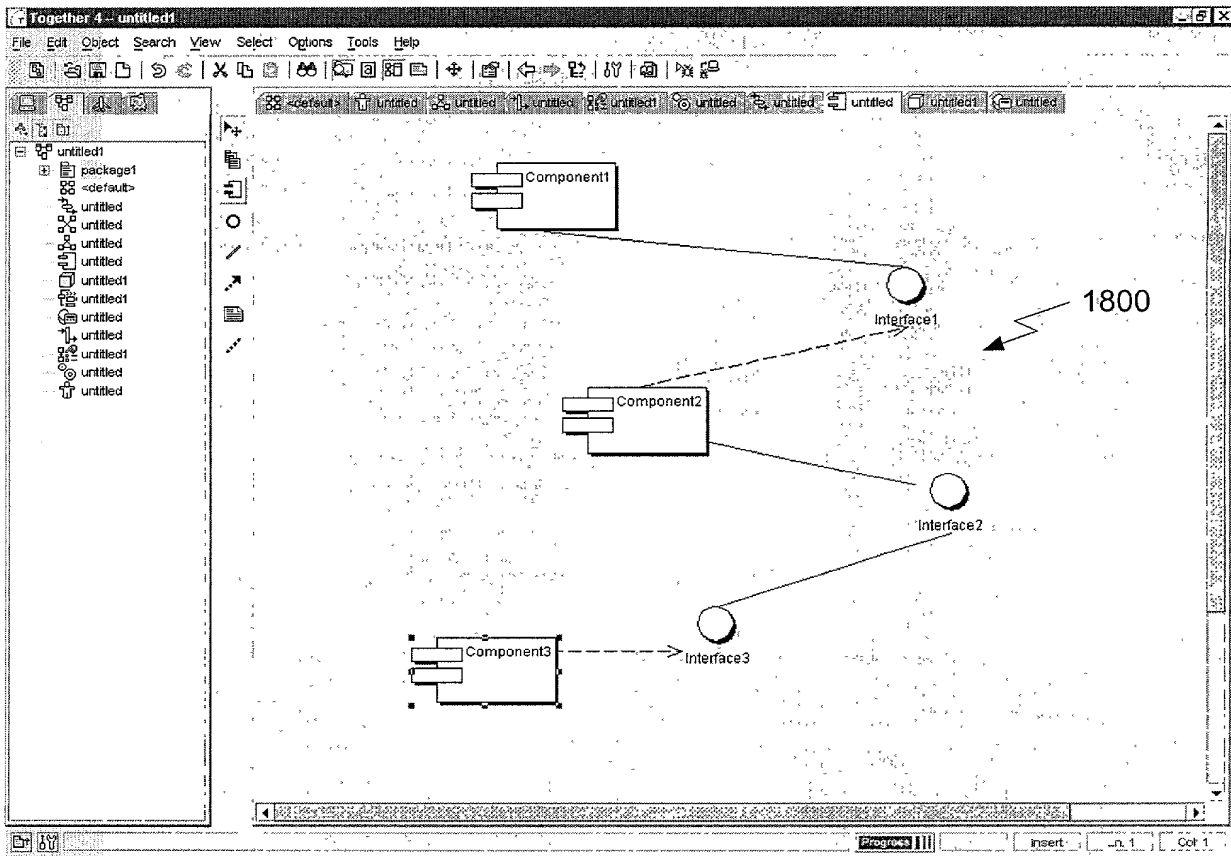
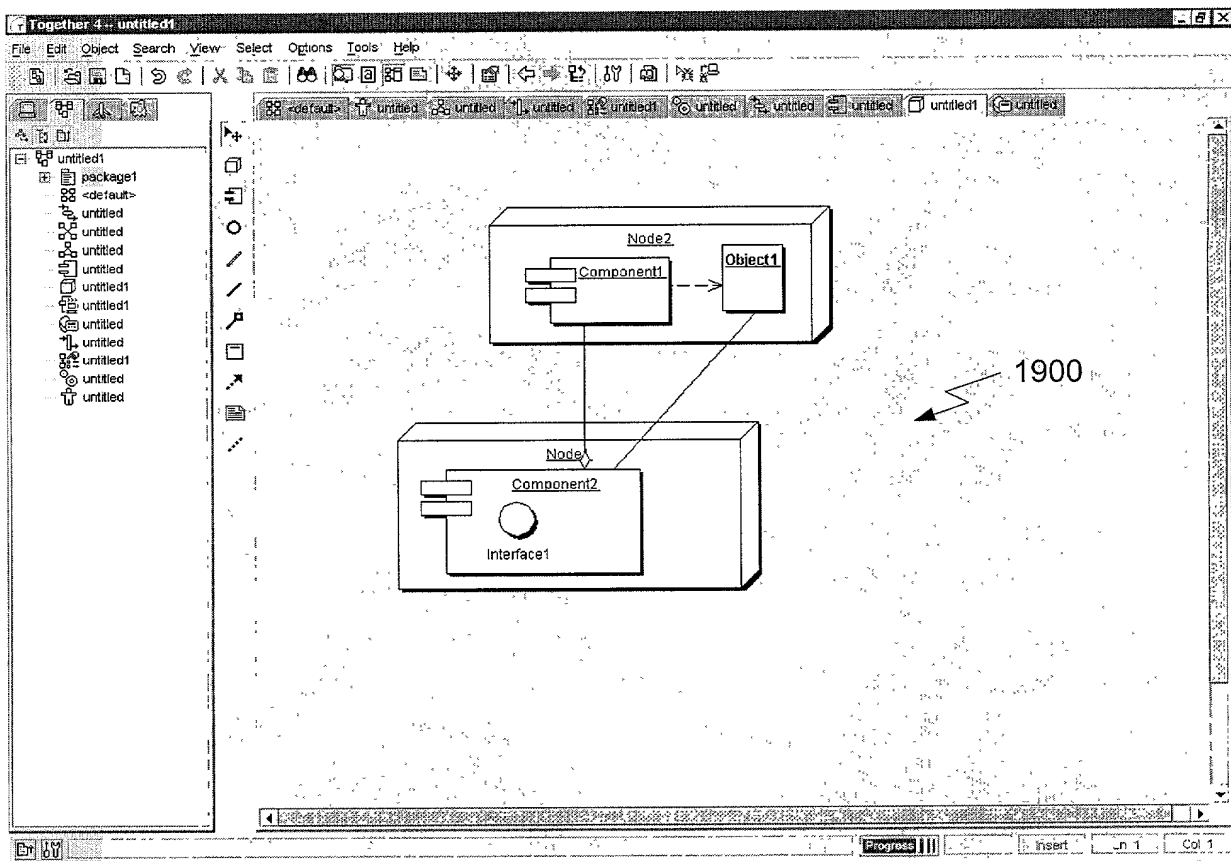
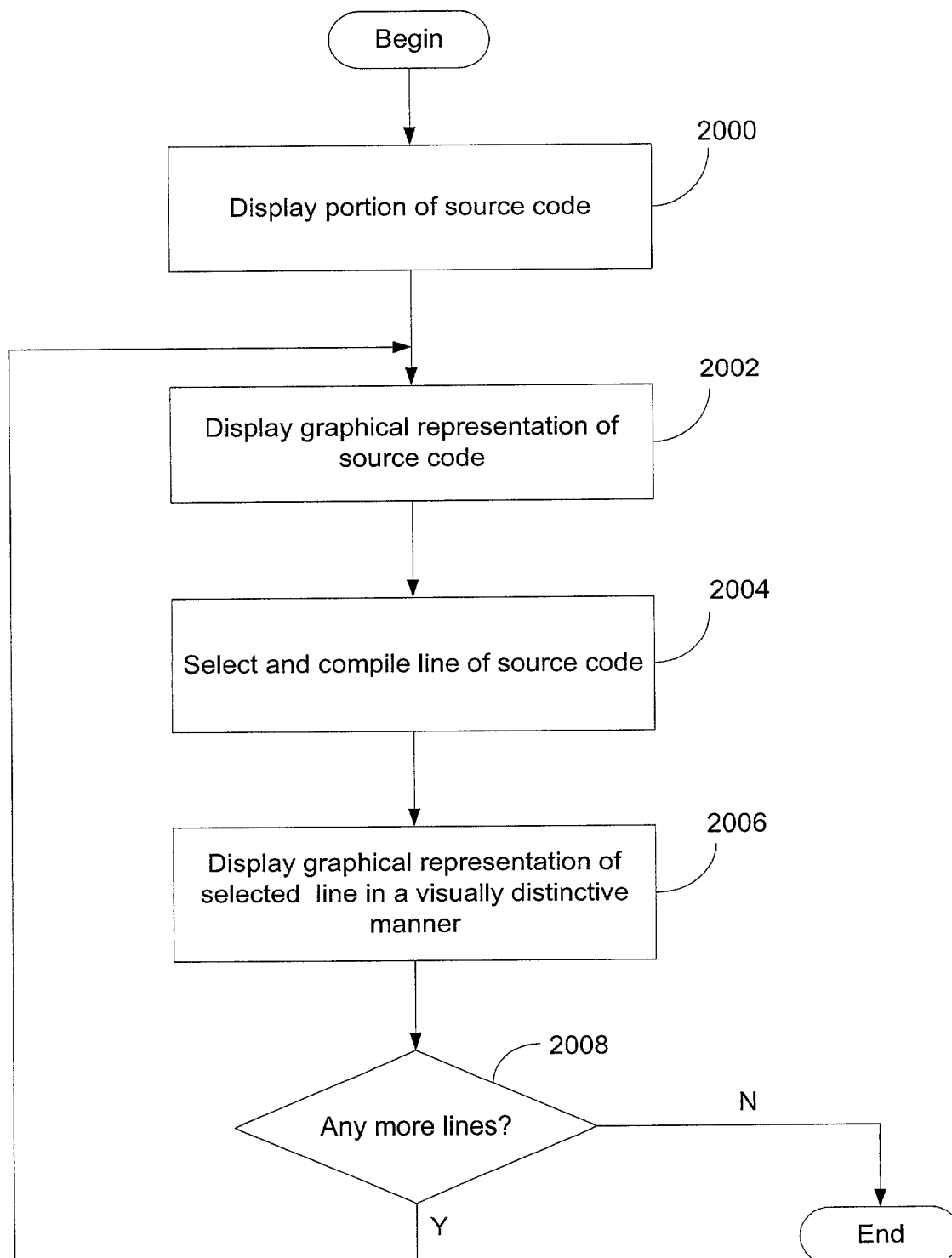


FIG. 18



**FIG. 19**



**FIG. 20**

The screenshot displays the Together 4 IDE interface. The top menu bar includes File, Edit, Object, Search, View, Select, Options, Tools, and Help. The left sidebar shows a project tree for 'CashSales' with sub-items: DataManagement, ProblemDomain, UserInterface, <default>, POS System, untitled, and #MakeCashSale. The main workspace is divided into two panes. The top pane shows a UML diagram for the 'CashSale' class. It includes an actor 'Object1' and a class 'CashSale'. A message 'calcTotal() BigDecimal' (labeled 2110) is sent from the actor to the class. The class has several messages: 'calcSubtotal() BigDecimal' (labeled 2112), 'getDetails() Enumeration' (labeled 2114), and 'calcPnceForQty(qty) BigDecimal' (labeled 2118). There is also a self-message 'calcTotal() BigDecimal' (labeled 2116). The bottom pane shows the Java code for the 'CashSale' class, which is part of the 'ProblemDomain' package. The code includes imports for Date, Vector, Enumeration, BigDecimal, and NumberFormat. The class is named 'CashSale' and has a 'calcTotal()' method. The code is labeled with the number 2104.

Together 4 - CashSales

File Edit Object Search View Select Options Tools Help

CashSales

- DataManagement
- ProblemDomain
- UserInterface
- <default>
- POS System
- untitled
- #MakeCashSale

UML Diagram:

- Object1 (Actor)
- CashSale (Class)
- Message 2110: calcTotal() BigDecimal
- Message 2112: calcSubtotal() BigDecimal
- Message 2114: getDetails() Enumeration
- Message 2116: calcTotal() BigDecimal (Self-message)
- Message 2118: calcPnceForQty(qty) BigDecimal

Java Code:

```
package ProblemDomain;

import java.util.Date;
import java.util.Vector;
import java.util.Enumeration;
import java.math.BigDecimal;
import java.text.NumberFormat;

class CashSale {
    // ...
    calcTotal() BigDecimal
    // ...
}
```

2104

CashSale.java

Page 36

The graph shows a line starting at a high point on the left, dropping sharply to a low point in the middle, and then rising slightly to end at a medium-high point on the right. The line is jagged, indicating significant fluctuations.

**FIG. 21**

700249 2356350

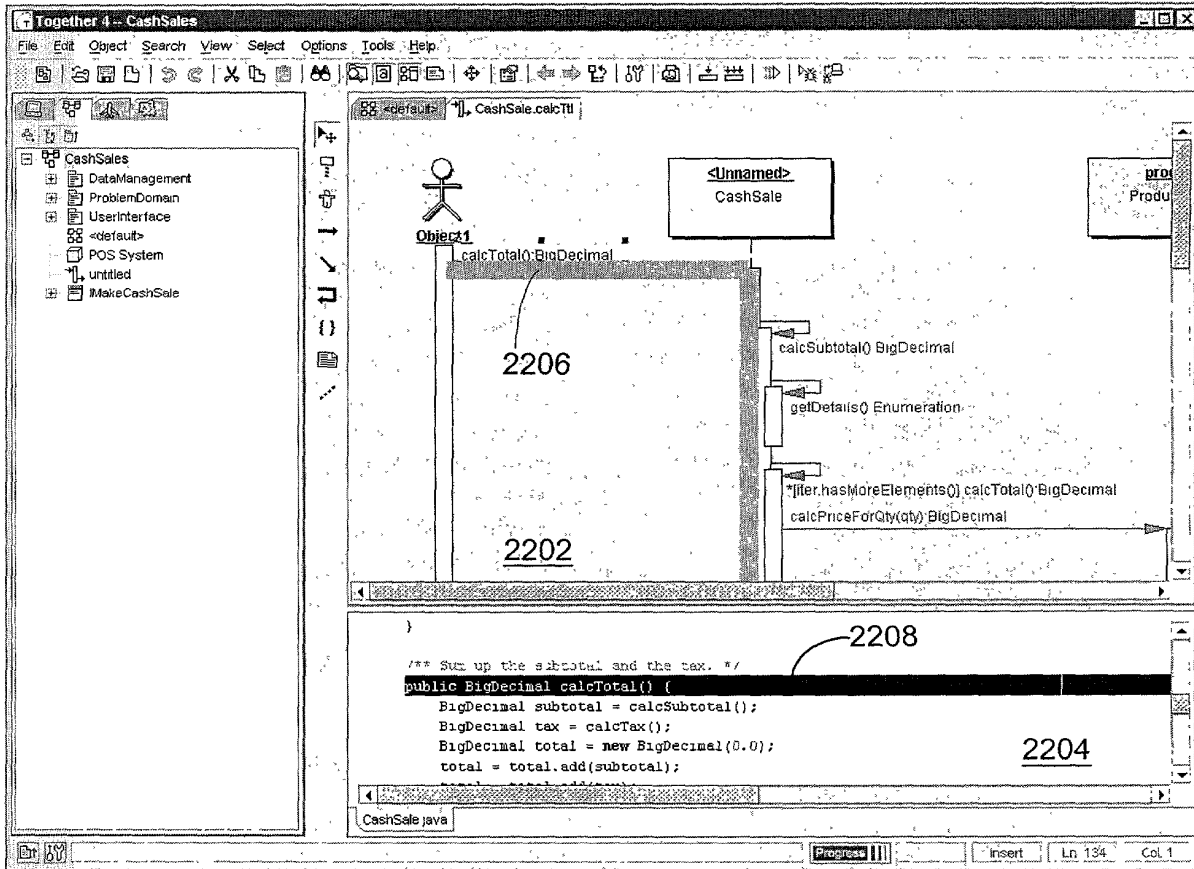


FIG. 22

2200

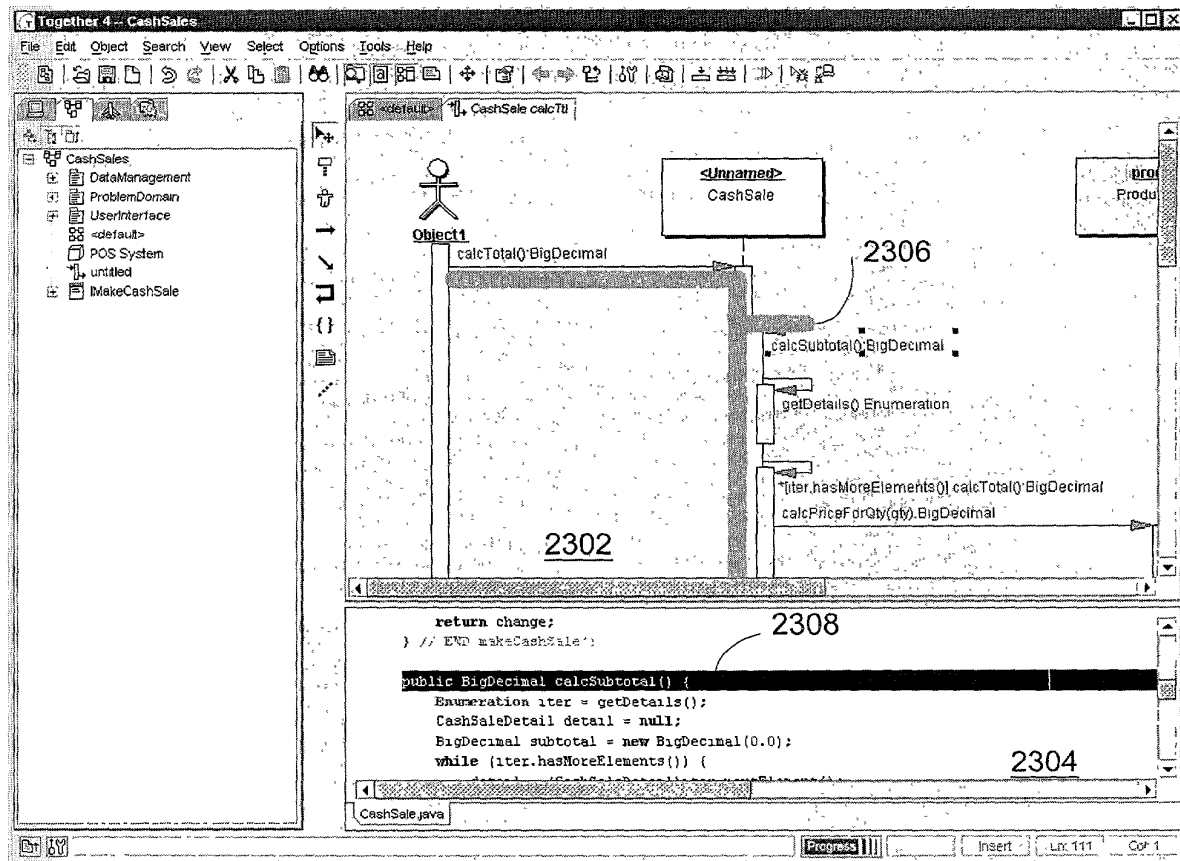


FIG. 23

2300



FIG. 24

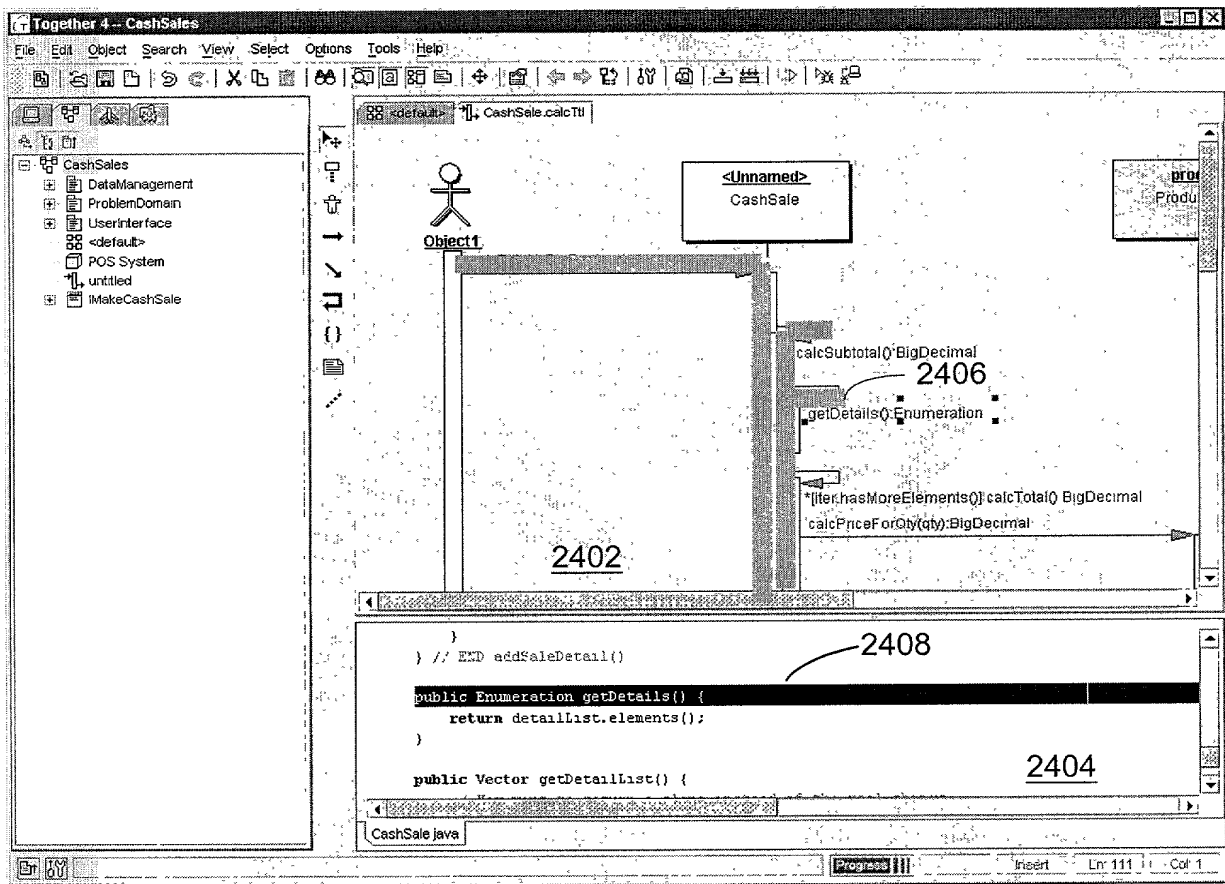
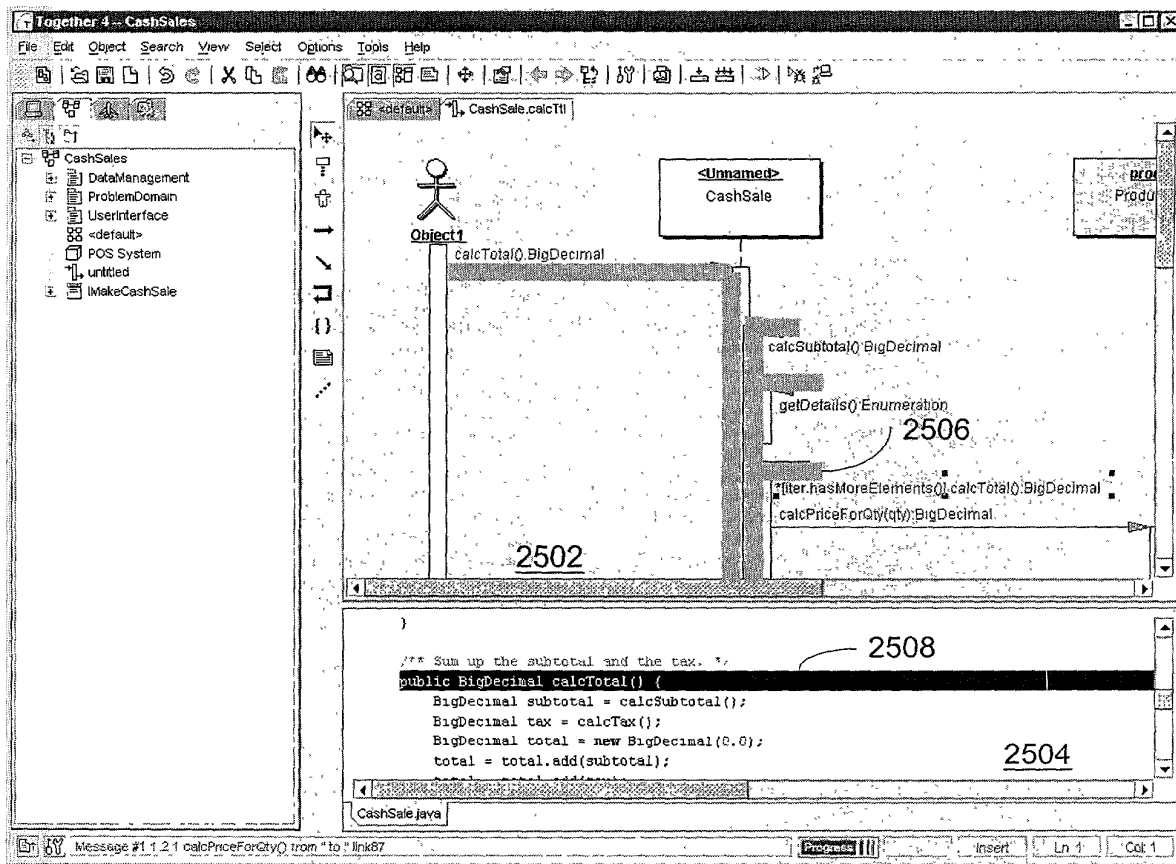


FIG. 24

2400



2500

FIG. 25

FIG. 26

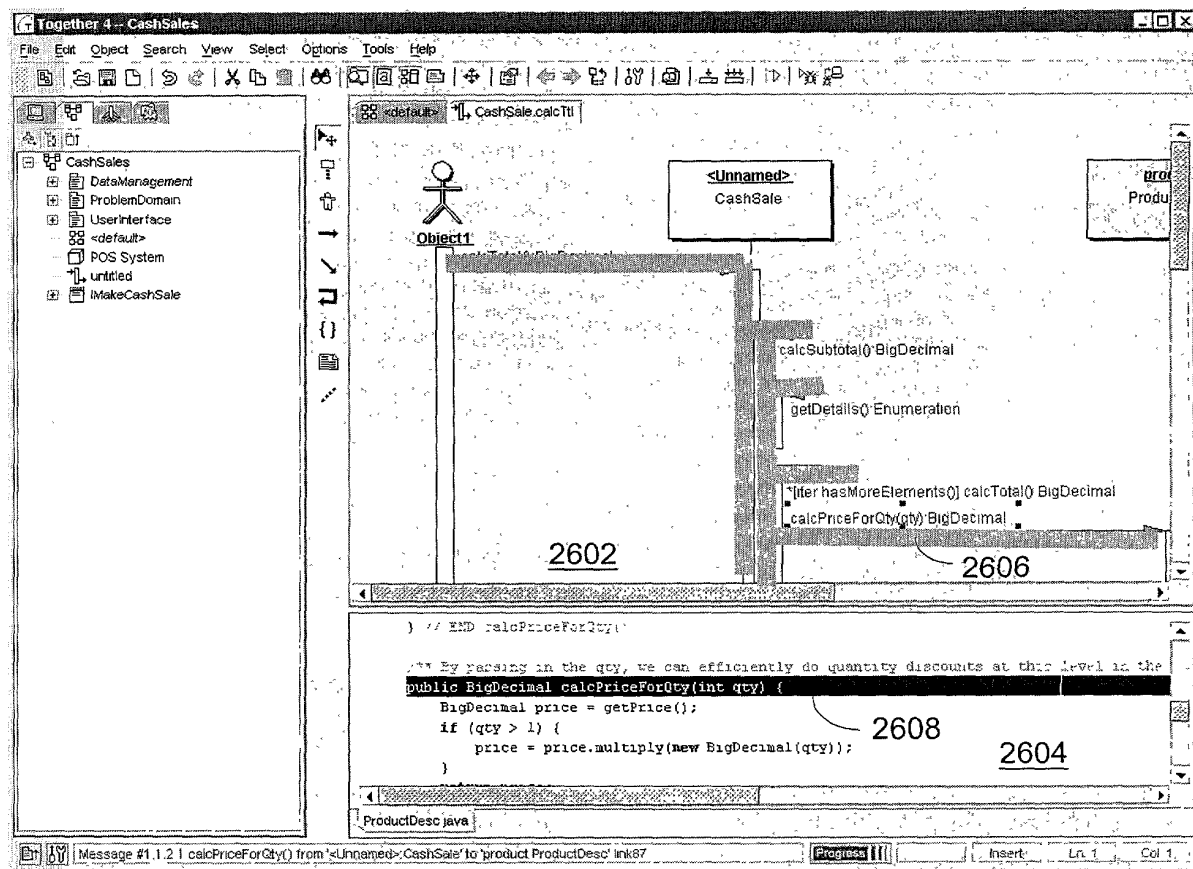
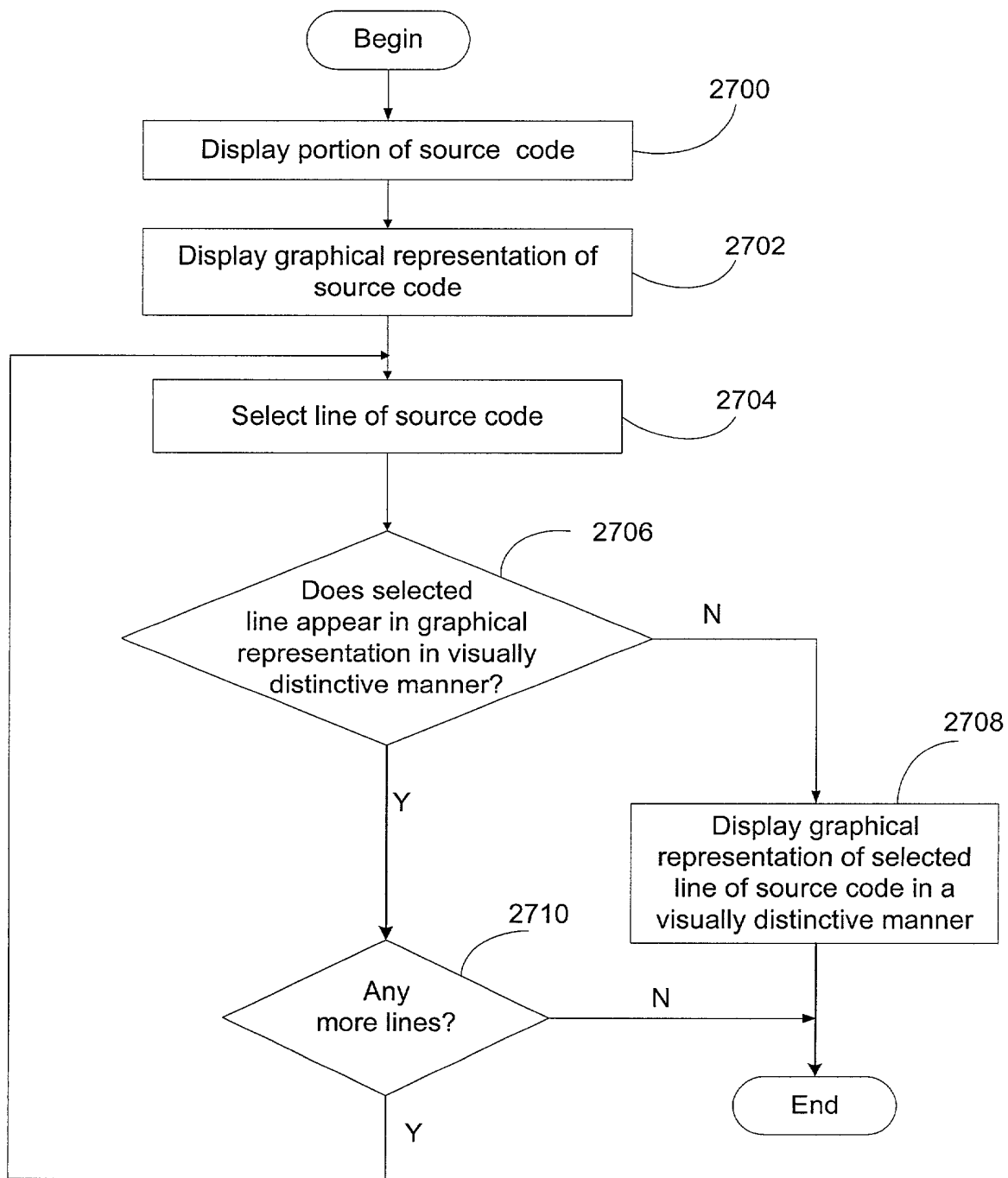
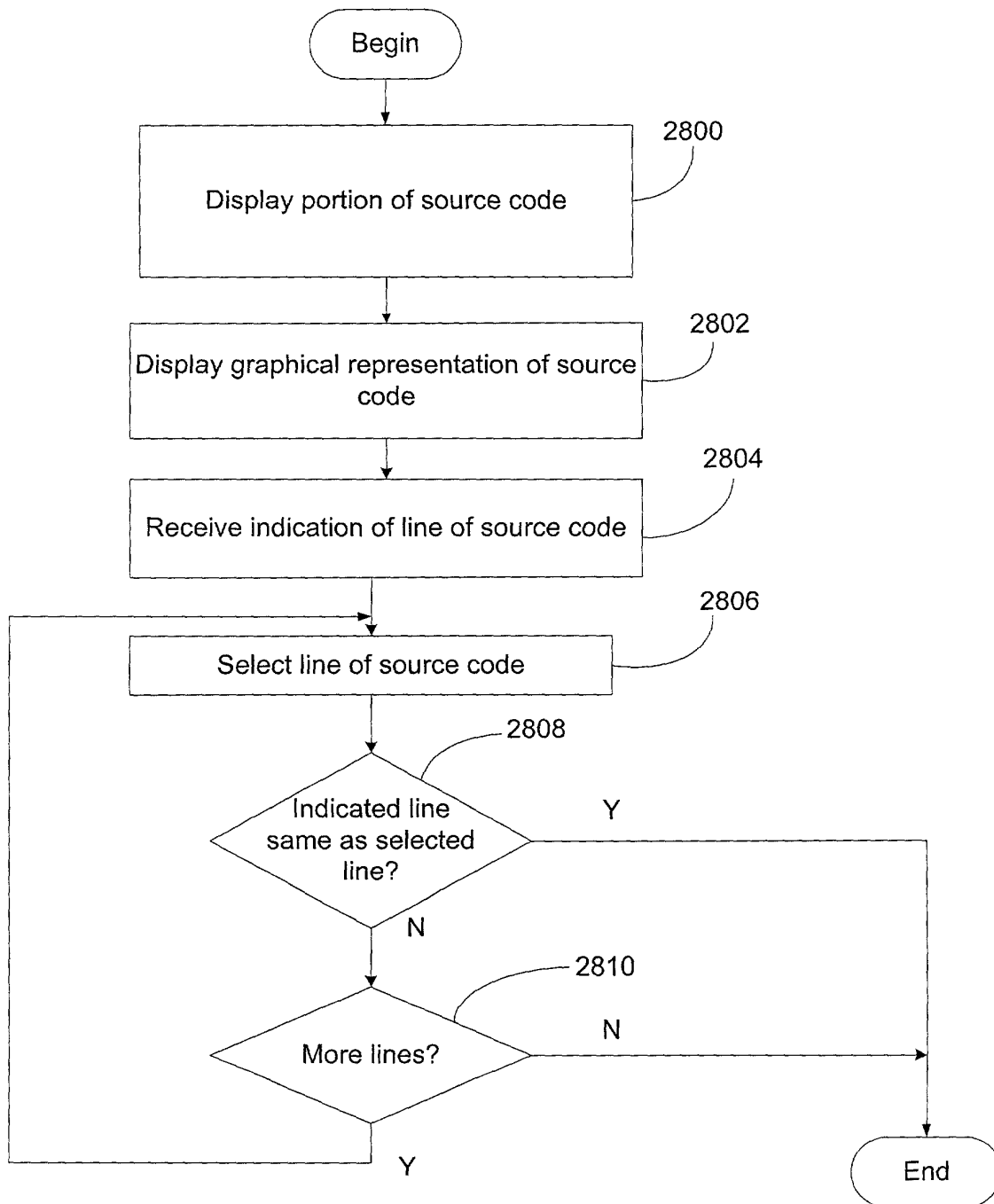


FIG. 26

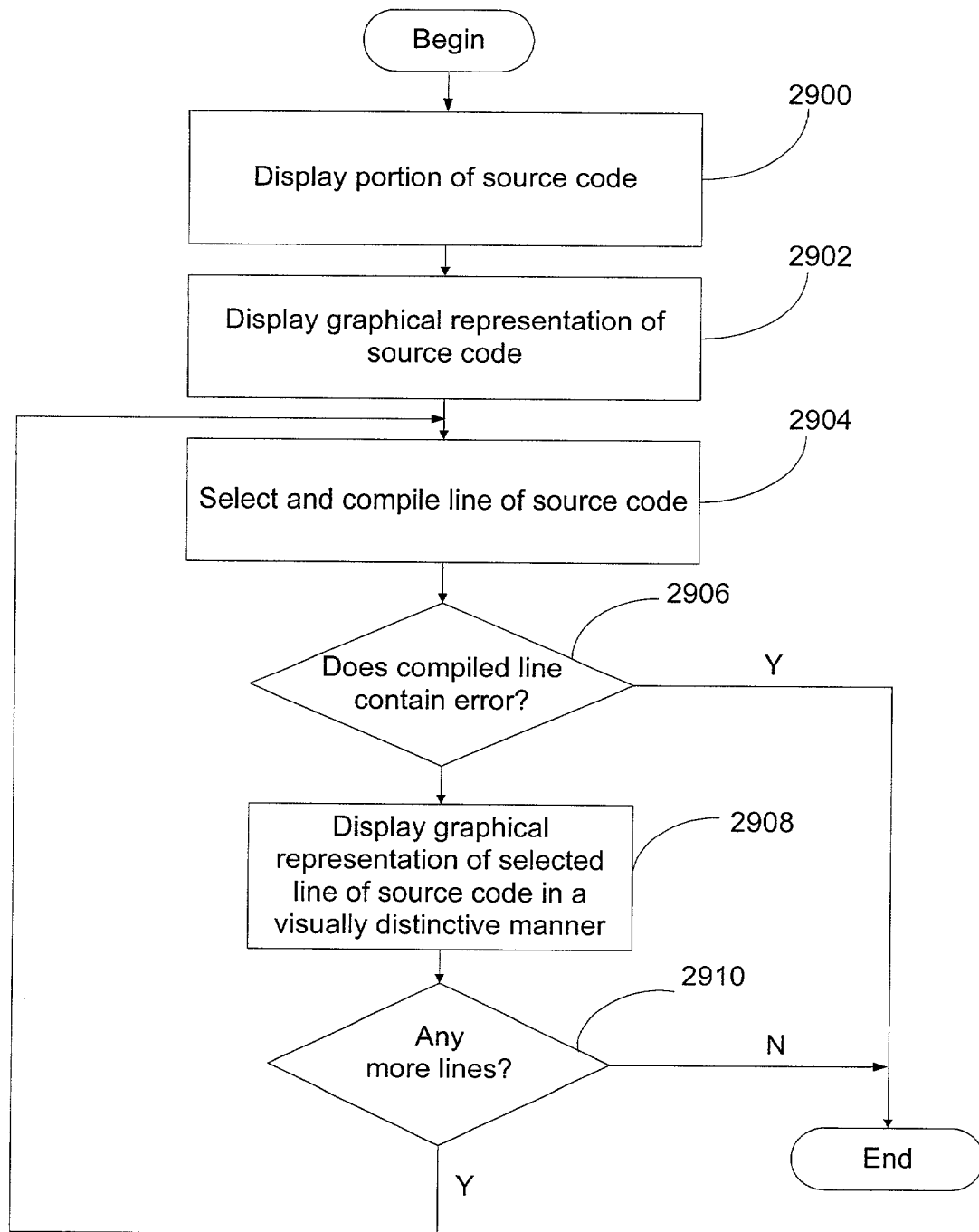
2600



**FIG. 27**



**FIG. 28**



**FIG. 29**